

### **Abstract of the Invention**

An inertial barrier system comprises inertial barriers formed of two modules, each of them being differently sized and being adapted to stack one upon the other. An interlocking geometry on each of the mating ends of modules assists in obtaining a secure stacking arrangement. One of the two modules functions as a container, facing upwardly so that its volumetric capacity is available for filling by a particulate ballasting material. The lower module functions only as a pedestal for the support of the upper module. The upper module is advantageously fillable to different predetermined levels, so that the apparatus, comprising the joined lower and upper modules, is capable of functioning as differently weighted barrier systems.